

# PATENT SPECIFICATION



Application Date: Feb. 7, 1934. No. 29878/34.

429,084

(Divided out of No. 429,379.)

Complete Specification Accepted: May 23, 1935.

## COMPLETE SPECIFICATION

### Improvements in or relating to Wallboard

I, ARTHUR WILLIAM PARFITT (Chartered Patent Agent) a British subject, of Stafford House, Norfolk Street, Strand, London, W.C.2. do hereby declare the nature of this invention (a communication from Gypsum, Lime and Alabastine, Canada, Limited, a corporation of the Dominion of Canada, having its principal place of business at the Town of Paris, Province of Ontario, Dominion of Canada), and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement:—

This invention relates to wallboard of the type comprising a cementitious core surrounded by paper liners and is particularly directed to the construction of a gypsum board having bevelled or depressed margins on adjoining edges of the board to adapt the board for adequate joint formation during its erection in building construction.

The manufacture of gypsum wallboard is well known and it has heretofore been proposed to depress the longitudinal marginal edges of such boards.

In accordance with the present invention a wallboard of the type consisting of a core of quick-setting cementitious material and enclosed in paper liners, is provided with a marginal taper in the form of a bevelled surface extending from one face of the board towards the edge thereof on at least two of its meeting edges.

The invention will now be described with reference to the accompanying drawing which illustrates such a wallboard.

Figs. 1 and 2 are end and longitudinal sections respectively of the board.

In the drawing 3 and 4 represent the paper liners surrounding the core of gypsum or other quick-setting cementitious material which is moulded into shape in any desired manner. 6<sup>1</sup> represents the

depression or bevel formed on each marginal edge of the board, the bevels on the end edges being shown in Fig. 2 and those on the longitudinal edges in Fig. 1.

It will thus be observed that the board so formed has a bevel on its four marginal edges and on the front surface of the board which is the surface exposed when the board is erected in building construction. If desired, the bevel or tapered margin may be formed on only one side and one end of the board, that is, on two meeting edges. Such a construction may be used where it is necessary to form joints on only one side and one end of the board, as in the lower corner of a room where two adjacent edges of the board are not exposed.

Methods of forming the longitudinal and end bevels of the board are described in co-pending Application No. 4002/34 and it is to be understood that wallboards claimed in Application No. 4002/34 are excluded from the scope of the claims hereto appended.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed, I declare that what I claim is:—

1. A wallboard comprising a core of quick-setting cementitious material enclosed in paper liners characterised in having a marginal taper in the form of a bevelled surface extending from one face of the board towards the edge thereof on at least two of its meeting edges.

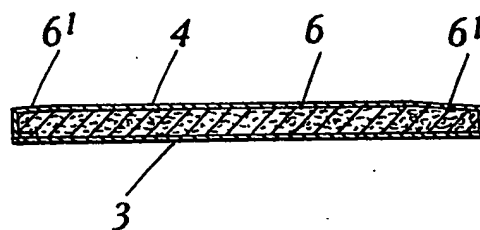
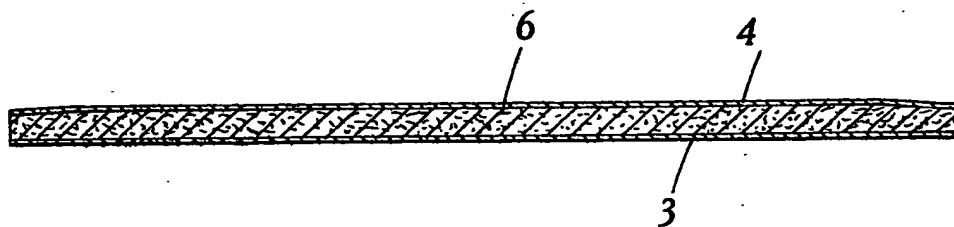
2. A wallboard as defined in claim 1, wherein there is a bevelled edge on all four margins of the board.

Dated this 18th day of October, 1934.

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*Fig. 1.**Fig. 2.*

[This Drawing is a reproduction of the Original on a reduced scale.]